

CLAIMS

WHAT IS CLAIMED IS:

- 1 1. A display module for a handheld computer, comprising;
2 a display housing;
3 a display incorporated into the display housing;
4 an interface housing;
5 an interface configured to be removably coupled to the
6 handheld computer, the interface being incorporated into the interface
7 housing; and,
8 a memory.
- 1 2. The display module for a handheld computer of claim 1, wherein
2 the memory includes Secure Digital (SD) memory.
- 1 3. The display module for a handheld computer of claim 1, wherein
2 the interface is configured to be coupled to a slot in a housing of the
3 handheld computer.
- 1 4. The display module for a handheld computer of claim 1, wherein
2 the interface is configured to exchange data with a host device through
3 electrical interconnects.
- 1 5. The display module for a handheld computer of claim 1, wherein
2 the interface is configured to exchange data with a host device through an
3 optical data link.

1 6. The display module for a handheld computer of claim 1, wherein
2 the display module is powered by an internal battery.

1 7. The display module for a handheld computer of claim 1, wherein
2 the display module is configured to receive power from a host device
3 through the interface.

1 8. The display module for a handheld computer of claim 1, wherein
2 the interface housing is foldably connected to the display housing.

1 9. The display module for a handheld computer of claim 8, wherein
2 the display module is configured to be received by a host device when the
3 interface housing is folded behind the display housing.

1 10. The display module for a handheld computer of claim 8, wherein
2 the host device is selected from the group consisting of: mobile telephone,
3 game, toy, e-book, electronic projection device, camera, key fob or pendant,
4 MP3 player, control for home, control for vehicle, remote control for
5 entertainment system, digital sports assistant, pedometer, information
6 technology equipment, and watch.

1 11. The display module for a handheld computer of claim 8, wherein
2 the host device is a wearable device.

1 12. The display module for a handheld computer of claim 1, wherein
2 the display module further comprises a processing circuit selected from the
3 group consisting of: ASIC, microcontroller, microprocessor.

1 13. The display module for a handheld computer of claim 12,
2 further comprising at least one input/output device.

1 14. The display module for a handheld computer of claim 13,
2 wherein the at least one input/output device is selected from the group
3 consisting of: touch screens, buttons, dials, switches, and electro-audio
4 transducers.

1 15. The display module for a handheld computer of claim 6, wherein
2 the display module operates to display information when not coupled to a
3 host device.

1 16. The display module for a handheld computer of claim 1, wherein
2 the display module is configured to be coupled to a host device, the host
3 device being selected from the group consisting of: mobile telephone, game,
4 toy, e-book, electronic projection device, camera, key fob or pendant, MP3
5 player, control for home, control for vehicle, remote control for entertainment
6 system, digital sports assistant, pedometer, information technology
7 equipment, and watch.

1 17. The display module for a handheld computer of claim 1, further
2 comprising a display controller for controlling the display.

1 18. The display module for a handheld computer of claim 1, wherein
2 the memory is configured to store and retain data customized to the user.

1 19. An accessory module for a portable electronic device
2 comprising:
3 an accessory housing;
4 an interface for making electrical connection between the
5 accessory module and a host device; and,
6 an interface housing for supporting the interface,